Histopathological Findings in the Respiratory Tract after 21 and 90 Days of Exposure, P -/3187 (incidences)

Organ/ Location	Type of Epithelium	Finding	Incidence							
			Sham		Reference		CR-2978			
							Low		High	
			21 d	90 d	21 d	90 d	21 d	90 d	21 d	90 d
nose										
level 1	respiratory	reserve-cell hyperplasia	0	0	10	14	8/9	14	10	13
	"	goblet-cell hyperplasia	0	0	0	10	0	7	0	9
	"	squamous metaplasia	0	0	10	14	9/9	14	10	13
level 2	"	reserve-cell hyperplasia	0	0	10	14	9/9	14	10	13
	"	goblet-cell hyperplasia	0	0	0	0	0	0	0	1
	"	squamous metaplasia	0	0	10	14	9/9	14	10	13
	olfactory	ulceration	0	0	3	7	2/9	9	2	7
	"	atrophy	0	0	9	14	9/9	14	8	13
	"	squamous metaplasia	0	0	0	12	1/9	13	1	11
larynx										
base of epiglottis	pseudo-stratified	squamous metaplasia	0	0	10	14	9	14	10	13
	"	reserve-cell hyperplasia	1	0	0	0	0	0	0	0
	squamous	hyperplasia	0	0	10	14	9	14	10	13
arytenoid projections										
ventral depression	cuboidal	hyperplasia	1	0	2/9	14	3	14	1	13
	"	squamous metaplasia	0	0	0	3	0	4	0	3
ventral lumen	pseudo-stratified	"	0	0	9/9	14	9	14	9	13
vocal cords										
lower medial region	squamous	hyperplasia	1	0	8/9	14	8	14	10	13
upper medial region	pseudo-stratified	"	0	0	3/9	7	1	13	0	9
	"	squamous metaplasia	0	0	0	0	0	0	1	0
number of examined rats			10	14	10	14	10	14	10	13

Histopathological Findings in the Respiratory Tract after 21 and 90 Days of Exposure, P -/3187 (incidences) (cont.)

Organ/ Location	Type of Epithelium	Finding	Incidence							
			Sham		Reference		CR-2978			
							Low		High	
			21 d	90 d	21 d	90 d	21 d	90 d	21 d	90 d
trachea	respiratory	reserve-cell hyperplasia	0	1	7	12	4	14	7	12
	"	goblet-cell hyperplasia	2	1	10	14	8	13	10	12
lungs										
bronchi/bronchioli	"	reserve-cell hyperplasia	0	2	4	12	6	12	7	13
	"	goblet-cell hyperplasia	5	6	10	14	10	14	10	13
	alveolar	hyperplasia (pneumocytes II)	0	0	0	0	0	1	0	0
	"	cuboidal cell metaplasia	0	0	0	0	0	0	0	1
	-	pigmented alveolar macrophages	0	0	0	7	0	13	0	10
number of examined rats			10	14	10	14	10	14	10	13